EPSON
EXCEED YOUR VISION

Epson Stylus Pro 9700/7700

SEIKO EPSON CORPORATION

A) Retail and Service industry

Purpose

To print POP, posters, banners and decorations

User's Needs

1. Quick turn and work improvement by in-house production
2. Eye-catching output to attract customers
3. Wide variety of output
4. Easy operation for all
5. Durable output

A) CAD/GIS

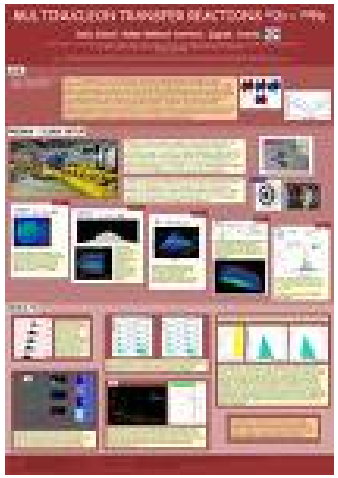
Purpose

To print CAD drawing and GIS data

User's Needs

1. Large format output
2. Monochrome and colour printing
3. Versatile media supported for various usage
4. Accurate data printing
5. Fast and high productivity

A) Education



Purpose

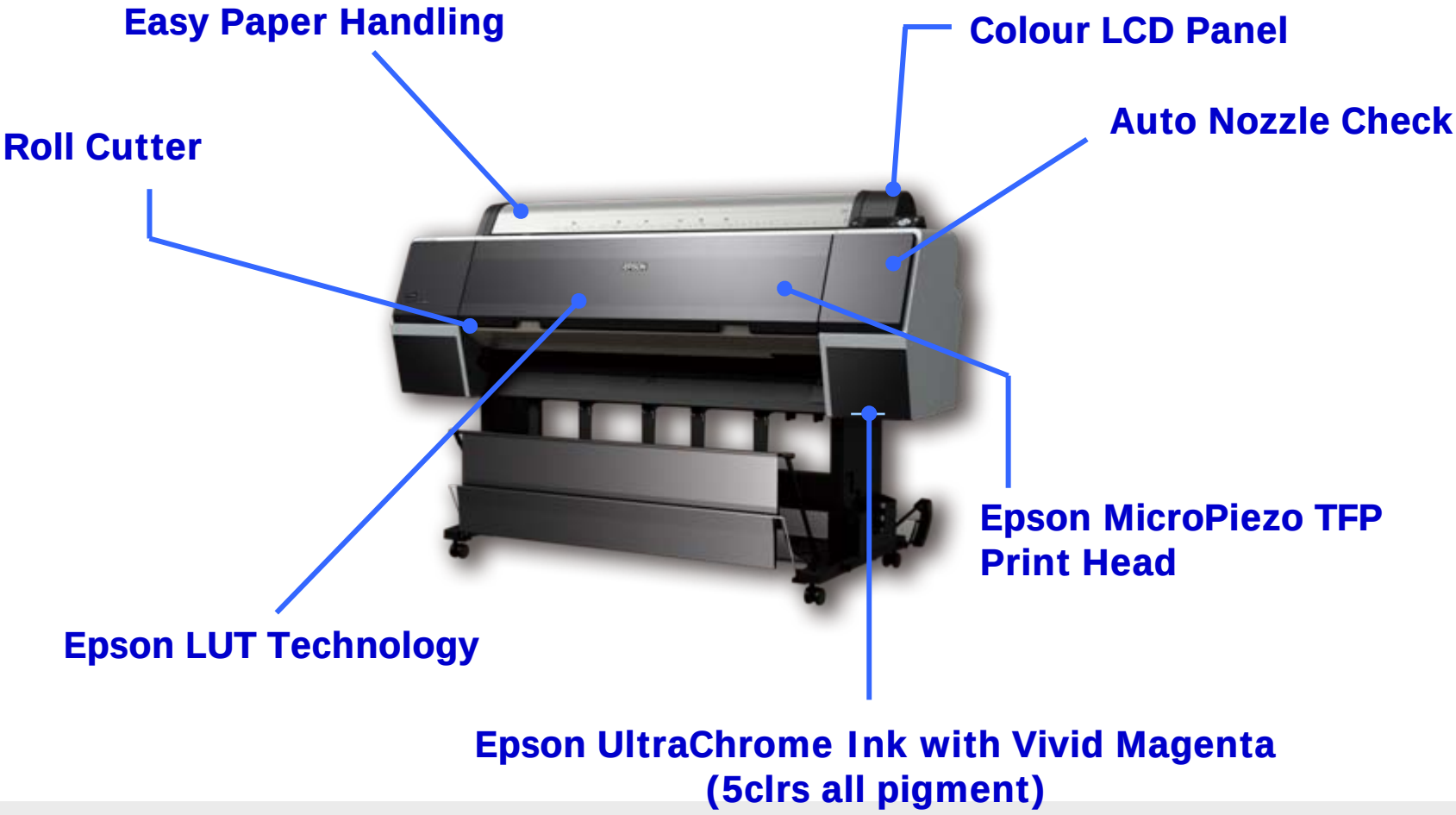
To print course materials, posters and banners

User's Needs

1. Print-on-demand for each class and subject
2. Large format output
3. Easy operation for all
4. Eye-catching output to attract audiences
5. Durable output

B) Comparison among Epson 4-colour models

New 7 features from the previous Epson Stylus Pro 9450/7450



B) Comparison among Epson 4-colour models

Model	**Epson Stylus Pro 7700**	**Epson Stylus Pro 7450**
Ink Type	Pigment	Pigment
Number of Ink	5 clr	4 clr
Ink Capacity	350/700ml	110/220ml
Print Head	MicroPiezo TFP	MicroPiezo
Throughput	0.7 min. A1, Fast, Plain	1.3 min. A1, Fast, Plain
Maximum Media Thickness	1.5mm	1.5mm
Memory	256MB	64MB
HDD	N/A	N/A
Printer Language	ESCP	ESCP
Bundled Software	-	-

C) Comparison with Competitors (24”)

NEW

	Epson	Canon		HP
Model	**Epson Stylus Pro 7700**	**iPF 610/605**	**iPF 650/655**	**Designjet T610**
Ink Type	Pigment	CMY, Pk Dye Mk Pigment	CMY, Pk Dye Mk Pigment	CMYG, Pk Dye Mk Pigment
Number of Ink	5 clr	5 clr	5 clr	6 clr
Ink Capacity	350/700ml	130ml	130ml	69/130ml
Print Head	MicroPiezo TFP	Thermal (Need to be replaced)	Thermal (Need to be replaced)	Thermal (Need to be replaced)
Throughput	0.7 min A1, Fast, Plain	0.5 min / 0.9 min A1, Draft/Fast, Plain	0.47 min / 0.87 min A1, Draft/Fast, Plain	0.6 min (line drawing) A1, Fast, Plain
Maximum Media Thickness	1.5mm	1.5mm	1.5mm	0.8mm
Memory	256MB	256MB	256MB	128MB
HDD	N/A	N/A	80GB (655 only)	N/A
Printer Language	ESCP	GARO, HPGL/2, HP RTL	GARO, HPGL/2, HP RTL	HPGL/2, HP RTL, CALS G4, HP PCL3GUI
Bundled Software	-	PosterArtist Lite	PosterArtist Lite	-

C) Comparison with Competitors (36”-44”)

NEW

	Epson	Canon		HP
Model	**Epson Stylus Pro 9700**	**iPF 750/755 (36")**	**iPF 810/820**	**Designjet T610**
Ink Type	Pigment	CMY, Pk Dye Mk Pigment	CMY, Pk Dye Mk Pigment	CMYG, Pk Dye Mk Pigment
Number of Ink	5 clr	5 clr	5 clr	6 clr
Ink Capacity	350/700ml	130ml	330/700ml	69/130ml
Print Head	MicroPiezo TFP	Thermal (Need to be replaced)	Thermal (Need to be replaced)	Thermal (Need to be replaced)
Throughput	0.7 min A1, Fast, Plain	0.8 min A0, Draft, Plain	0.9 min A0, Draft/Fast, Plain	0.6 min (line drawing) A1, Fast, Plain
Maximum Media Thickness	1.5mm	0.8mm	1.5mm	0.8mm
Memory	256MB	256MB	256MB	128MB
HDD	N/A	N/A	80GB (755 only)	N/A
Printer Language	ESCP	GARO, HPGL/2, HP RTL	GARO, HPGL/2, HP RTL	HPGL/2, HP RTL, CALS G4, HP PCL3GUI
Bundled Software	-	PosterArtist Lite	PosterArtist Lite	-

2. Key Features

A) High Print Quality
B) High Productivity
C) Easy Operation
D) Other Information

2. Key Features

A) High Print Quality

- Epson UltraChrome Ink with Vivid Magenta Technology
- Epson LUT Technology
- Print mode for line drawing

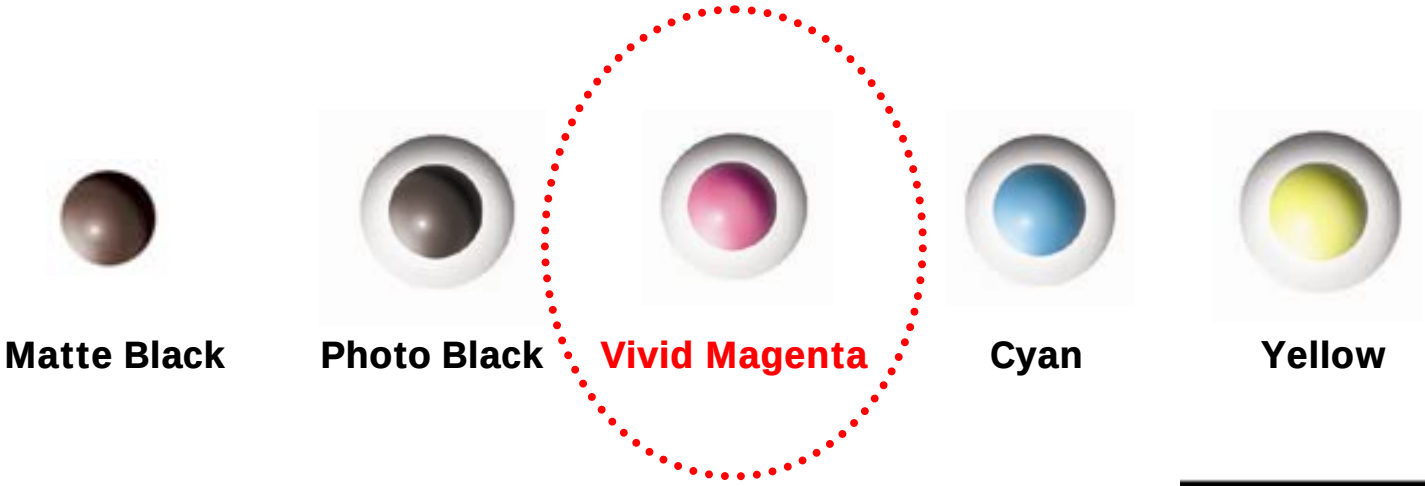
B) High Productivity

C) Easy Operation

D) Other Information

NEW

Epson UltraChrome Ink with Vivid Magenta

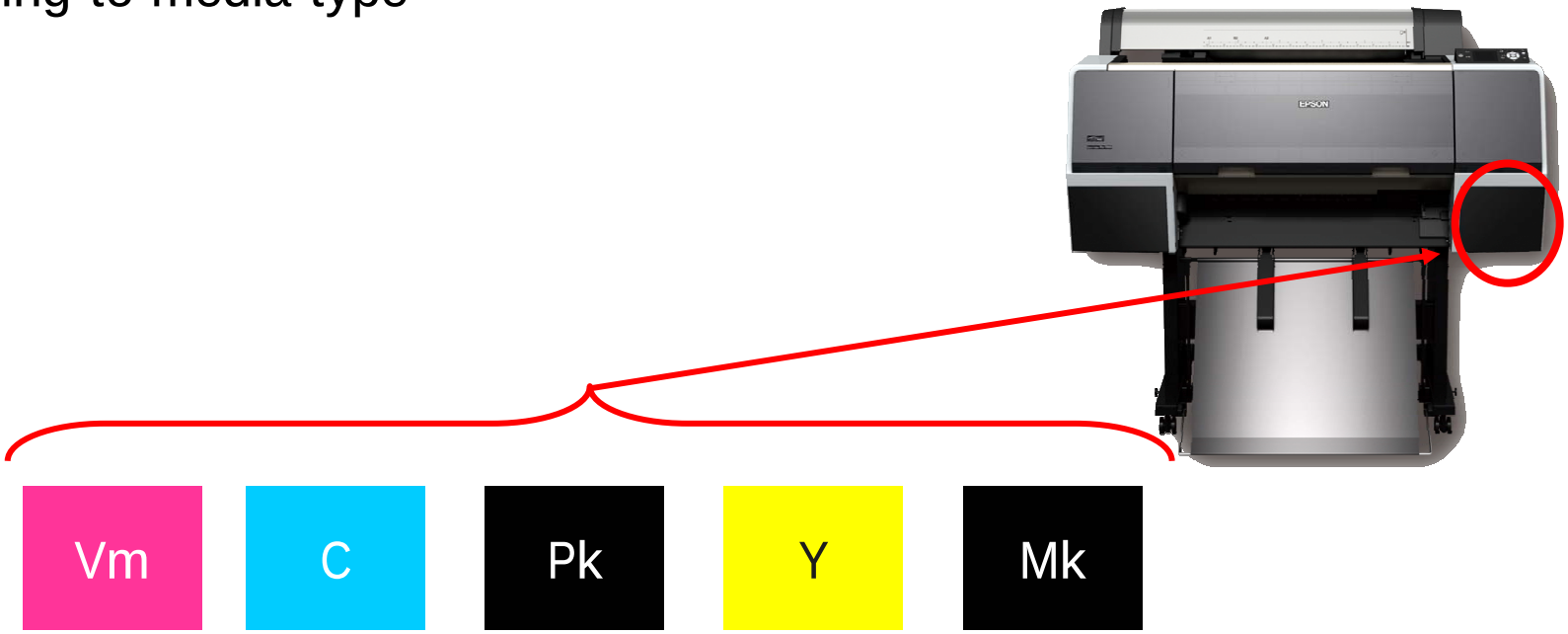


EPSON ULTRACHROME INK
VIVID MAGENTA

- **All Pigment Inks**
  - Suitable on variety of media
  - Strong light fastness and water-resistance
- **Newly Added Vivid Magenta and Photo Black inks**
  - Vivid and high density prints, especially on red and blue
  - Photo Black provides high image quality on glossy media

Auto-Switchable Photo Black and Matte Black Ink

- Both Photo Black and Matte Black ink cartridges can be installed in a printer
- Either Matte or Photo Black will be chosen automatically according to media type



* All cartridges are installed in the right compartment

Print Quality Comparison

You can get vivid output thanks to Epson UltraChrome Ink with Vivid Magenta

UltraChrome SP-7450

Enhance Matte Paper
Charts and Graphs mode
Default speed

UltraChrome with VM SP-7700

Enhance Matte Paper
Charts and Graphs mode
Default speed

Canon iPF610

Premium Matte Paper
Poster mode
Default speed

Print Quality Comparison

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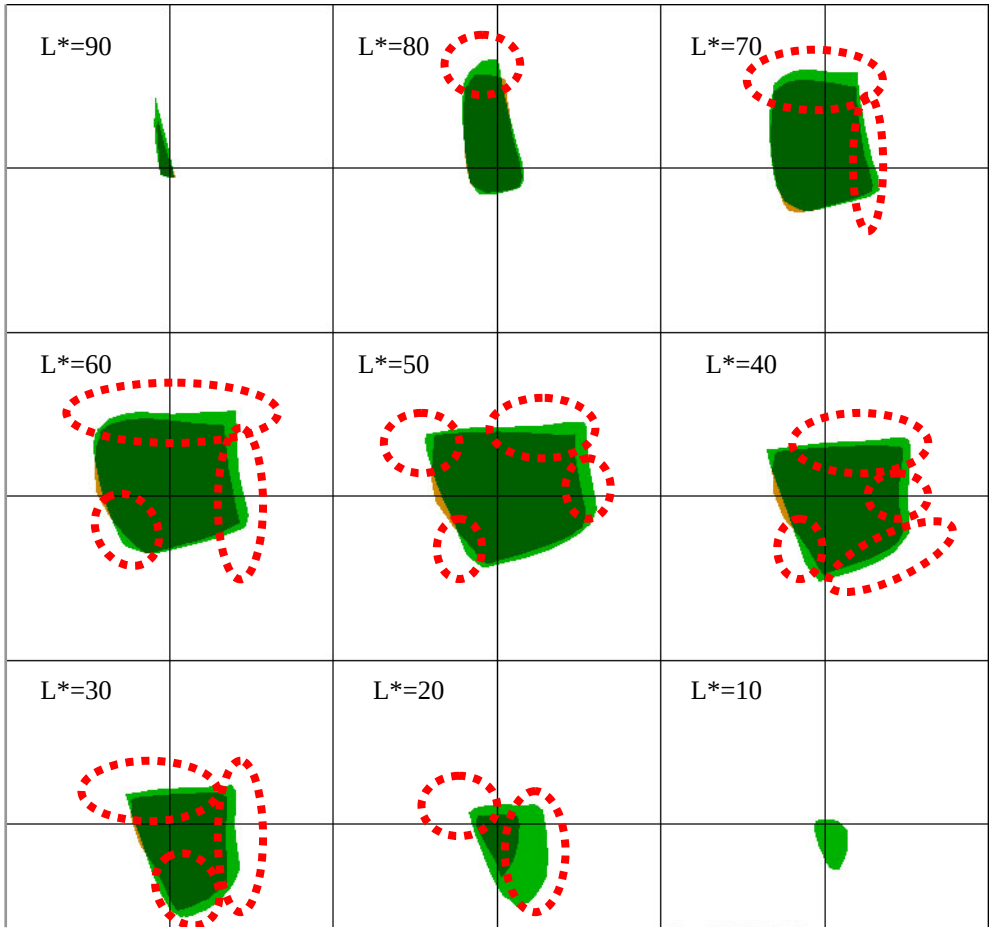
Poster mode
Default speed

Gamut Comparison against Epson Stylus Pro 7450



Epson Stylus Pro 7700

Epson Stylus Pro 7450

Printed on Premium Glossy Photo Paper

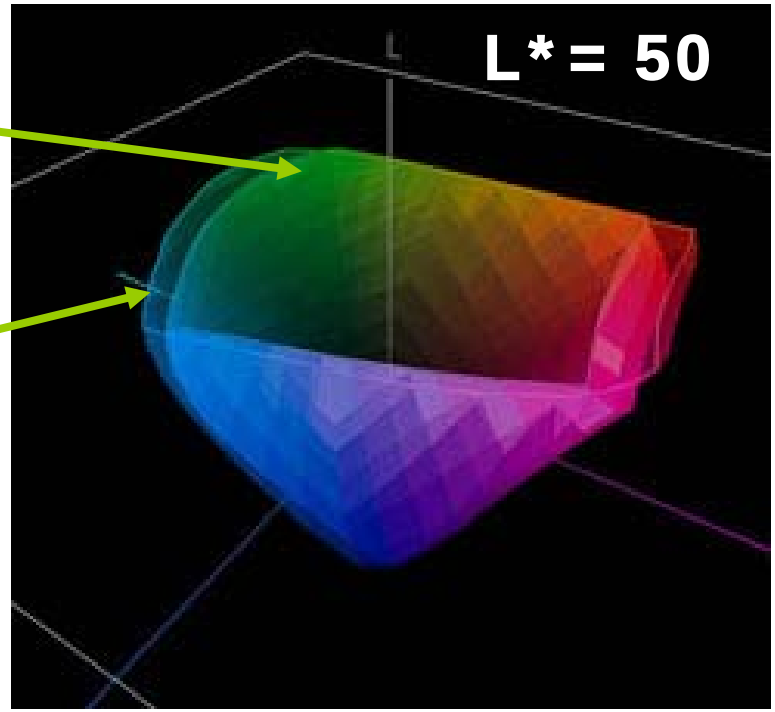
Gamut Comparison against Epson Stylus Pro 7450

Epson Stylus Pro 7450

EPSON ULTRACHROME INK

Epson Stylus Pro 7700

EPSON ULTRACHROME INK
VIVID MAGENTA



ColorThink Pro

Printed on Premium Glossy Photo Paper

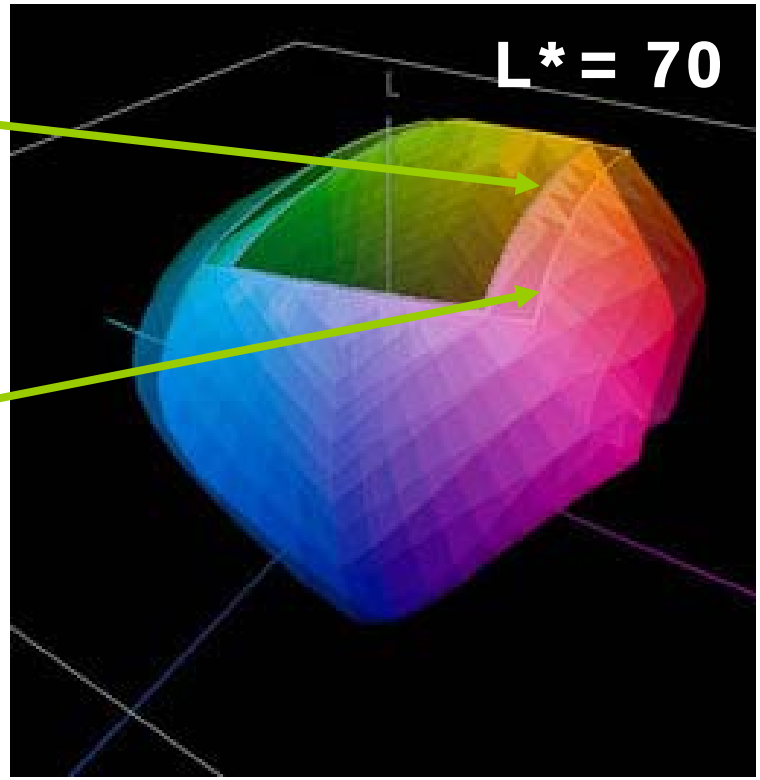
Gamut Comparison against Epson Stylus Pro 7450

Epson Stylus Pro 7450

EPSON ULTRACHROME INK

Epson Stylus Pro 7700

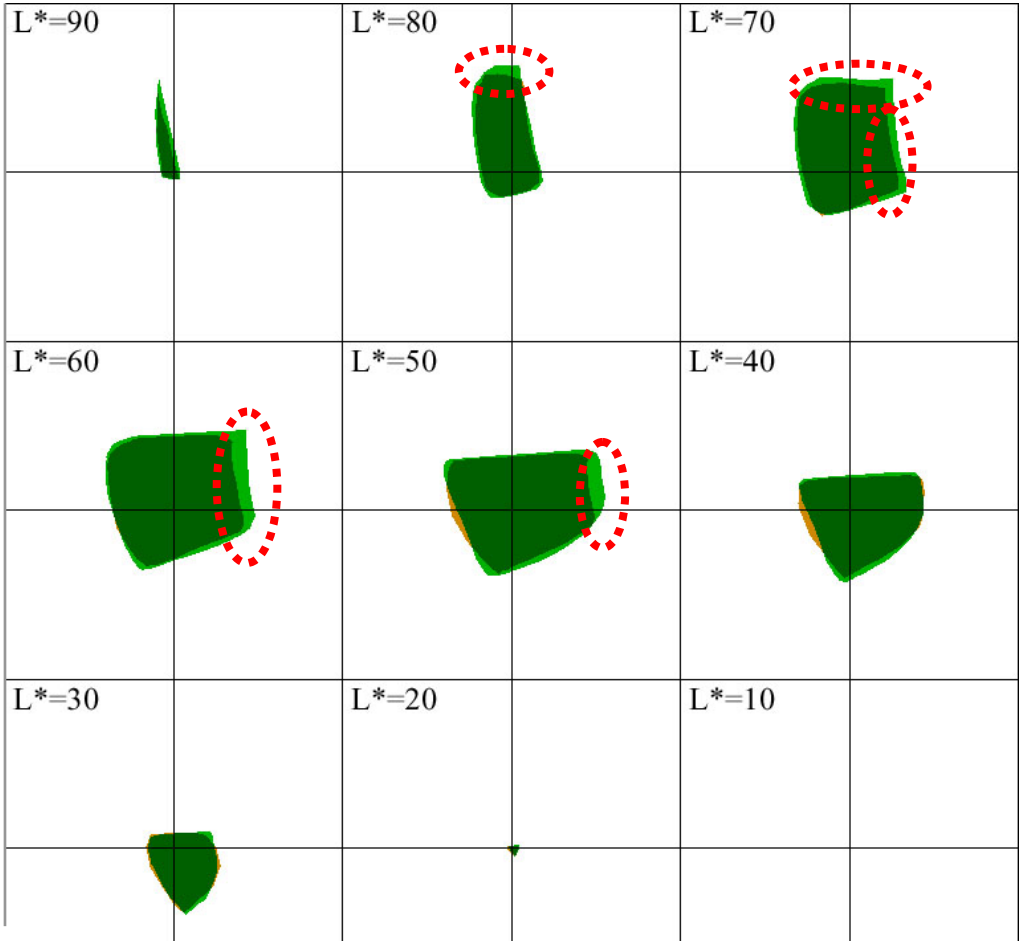
EPSON ULTRACHROME INK
VIVID MAGENTA



Printed on Premium Glossy Photo Paper

ColorThink Pro

Gamut Comparison against Epson Stylus Pro 7450



Epson Stylus Pro 7700

Epson Stylus Pro 7450

Printed on Enhanced Matte Paper

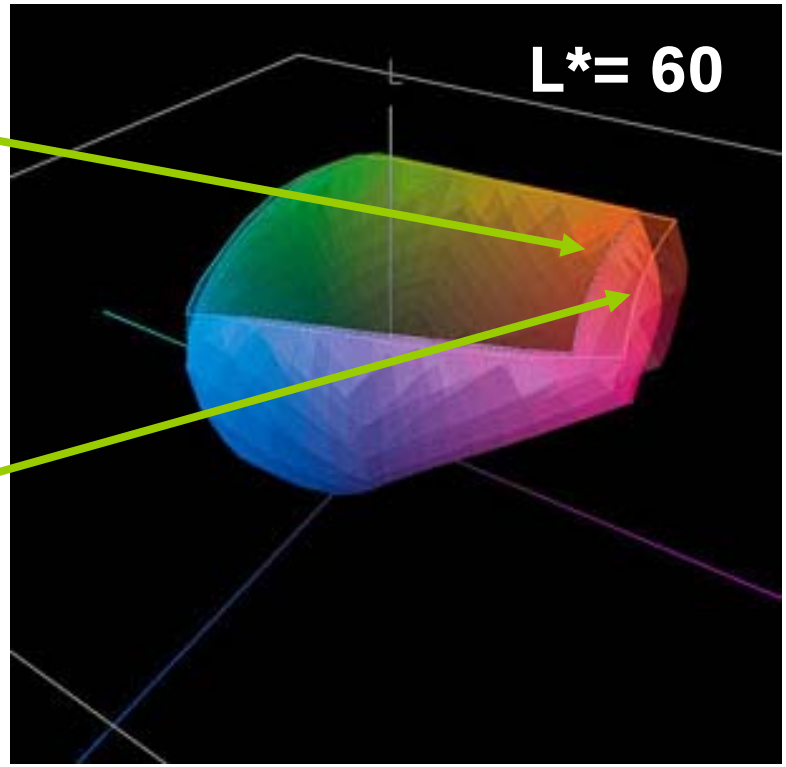
Gamut Comparison against Epson Stylus Pro 7450

Epson Stylus Pro 7450

EPSON ULTRACHROME INK

Epson Stylus Pro 7700

EPSON ULTRACHROME INK
VIVID MAGENTA

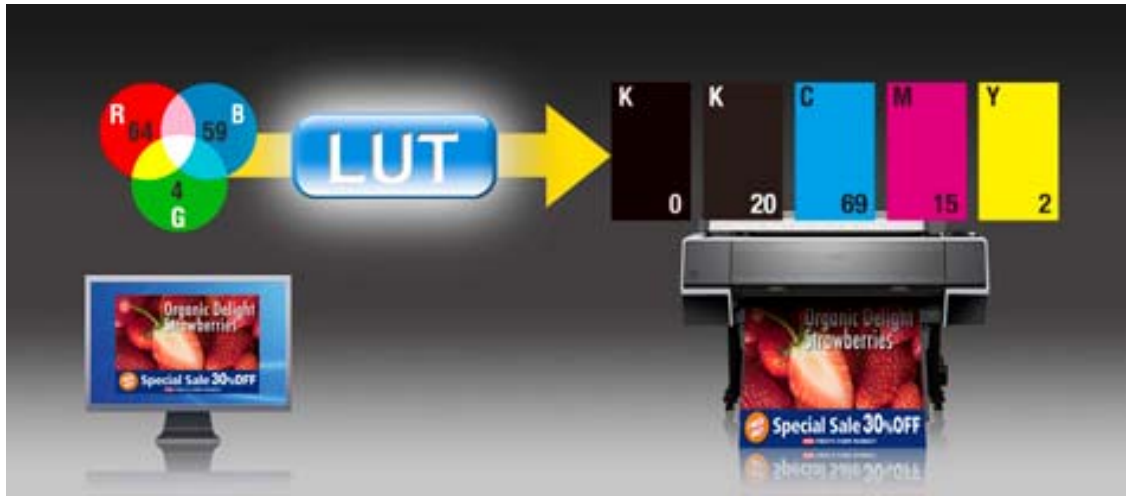


Printed on Enhanced Matte Paper

ColorThink Pro

Epson LUT Technology

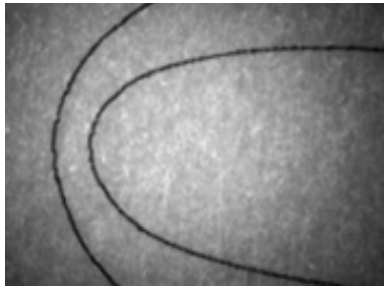
Same LUT technology as Epson Stylus Pro 9900/7900 which takes full advantage of Epson ink.



Print Mode for Epson Stylus Pro 9700/7700

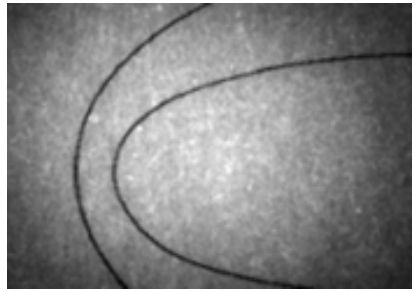
- 1440x1440 dpi mode for line drawing* (Compatible with certain media)
- 2880x2880 dpi mode for ISV
- “sRGB (Epson Standard)” and “Charts and Graphs” mode are available
- 360x720 dpi mode for the fastest throughput (Plain paper only)
- Improved sharpness by providing 1440x1440 dpi mode

720x720 dpi



Times New Roman

1440x1440 dpi

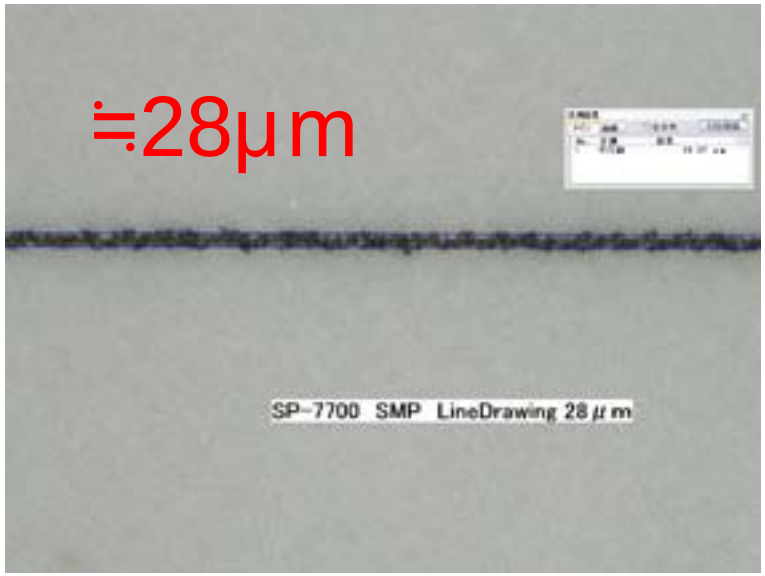


Times New Roman

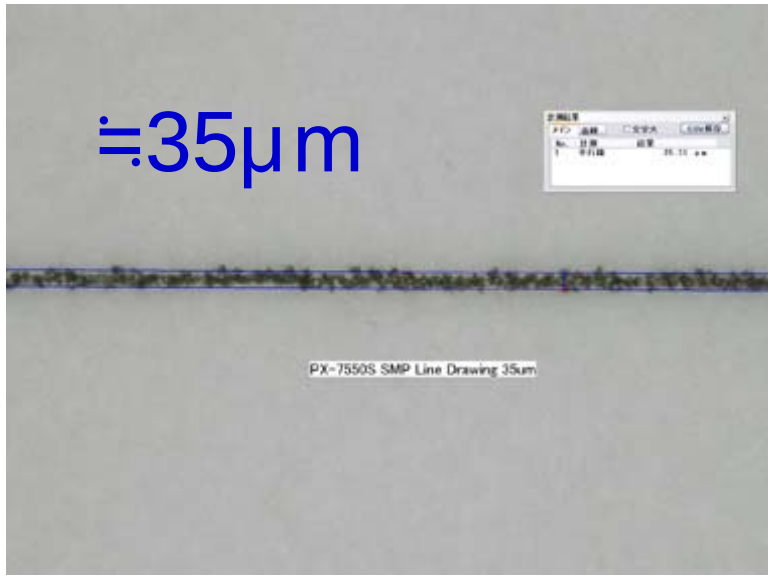
See the technical guide for more detailed differences of pictures above.

Improvement of CAD Line Width against Previous Model

Epson Stylus Pro 7700



Epson Stylus Pro 7450



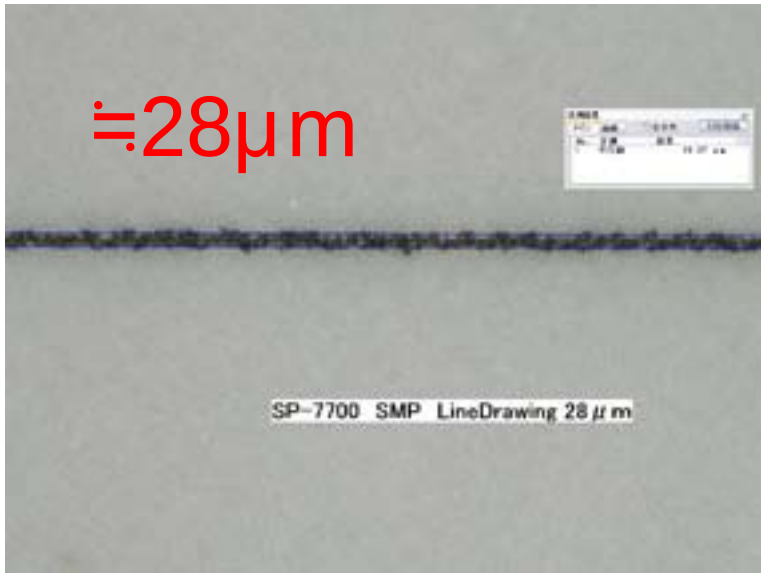
	SP-7700	SP-7450
Media	Singleweight Matte Paper	Singleweight Matte Paper
Mode (dpi)	1440x1440	1440x1440

200-power magnifying
Horizontal

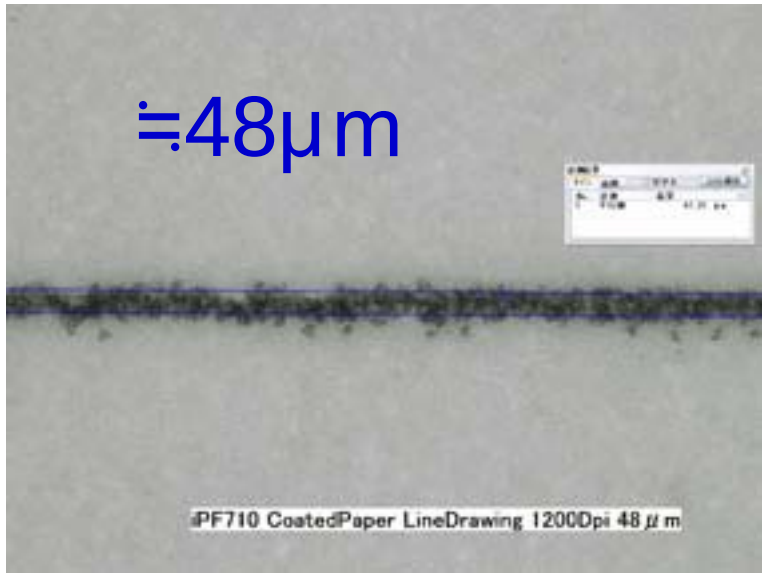
N=1

Improvement of CAD Line Width against Competitors

Epson Stylus Pro 7700



Canon iPF710



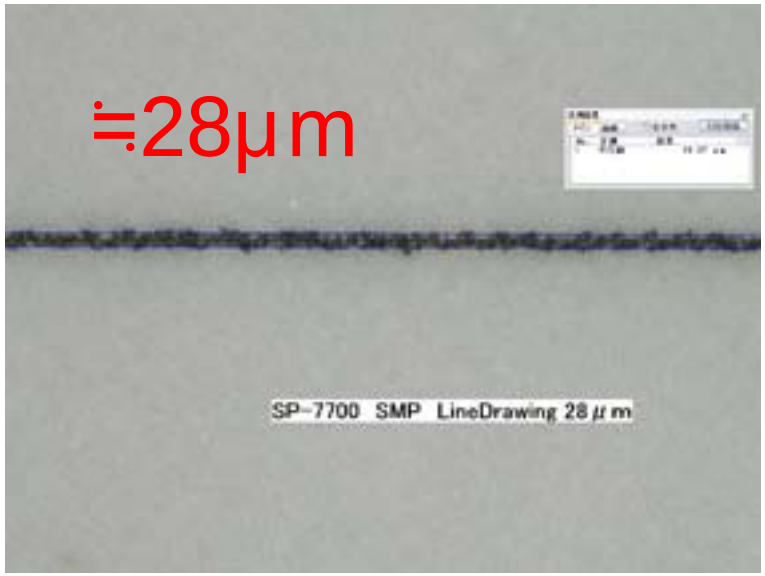
	SP-7700	iPF710
Media	Singleweight Matte Paper	Premium Matte
Mode (dpi)	1440x1440	1200

200-power magnifying
Horizontal

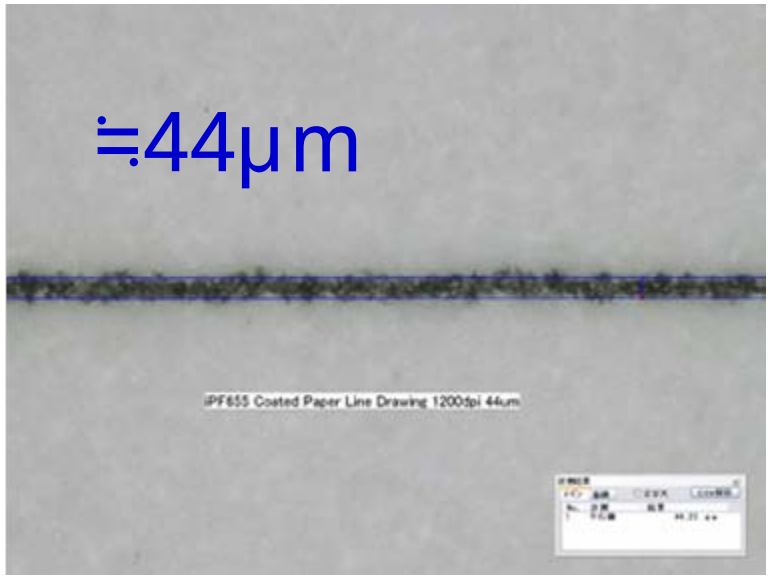
N=1

Improvement of CAD Line Width against Competitors

Epson Stylus Pro 7700



Canon iPF655 (New)



	SP-7700	iPF655
Media	Singleweight Matte Paper	Coated Paper
Mode (dpi)	1440x1440	1200

200-power magnifying
Horizontal

N=1

2. Key Features

A) High Print Quality

B) High Productivity

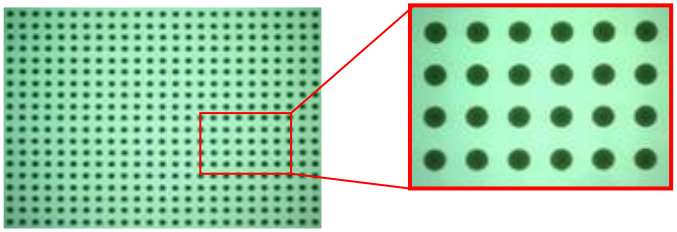
- Epson MicroPiezo TFP Print Head
- Large capacity ink cartridge
- Faster throughput
- Improved cutting speed

C) Easy Operation

D) Other Information

Epson MicroPiezo TFP Print Head Technology

10-Channel Print Head Technology



Perfectly accurate dot shape

The Epson MicroPiezo TFP print head is an advanced form of Epson MicroPiezo print head technology.

- **Fast Throughput**
  - TFP stands for Thin Film Piezo
  - TFP has 720 nozzles per colour
- **Perfectly accurate dot shape**
  - Virtually no satellites
- **Advanced coating technology**
  - Best optimized for using thick pigment ink
  - Produces variable-sized droplets as small as 3.5 Pico liters to greatly decrease print times while optimizing photographic quality
- **Extreme Durability**
  - The print head never needs replacement

Large-Capacity Ink Cartridges

Large-capacity ink cartridge is a big advantage to help improve productivity by reducing the need for frequent cartridge change

- Two sizes are available for sale:350ml and 700 ml
- Ink cartridges will be shared with Epson Stylus Pro 9900/7900
- Capacity of initial bundled ink cartridge is 110ml

* Except for China & Hong Kong

Throughput Comparison with Previous Models

media	mode	A1 size		
		SP-9450/7450	SP-9700/7700	
Plain Paper	Speed	1.3 (360x360)	0.7 (360x720)	1.8 times faster
	Quality	3.0 (360x720)	1.3 (720x720)	2.3 times faster
	Max Quality	5.2 (720x720)	3.6 (720x1440)	1.4 times faster
Premium Glossy Photo Paper 170	Quality	8.9 (720x720)	3.7 (720x1440)	2.4 times faster
	Max Quality	13.5 (1440x720)	7.9 (720x1440)	1.7 times faster
Enhanced Matte Paper	Speed	2.4 (360x720)	1.8 (720x720)	1.3 times faster
	Quality	5.2 (720x720)	3.6 (720x1440)	1.4times faster
	Max Quality	7.2 (1440x720)	5.0 (720x1440)	1.4 times faster

** Print speed data is subject to change*

Unit: min.

(X x X)=dpi

Image data: ISO Bike
A1 size

Improved Cutting Speed

- Rotary-type paper cutter
  - This cutter dramatically shortens cutting speed.
  - It takes only 4 sec. to complete cut off.
- Improved cutter durability
- Support various type of media
  - You can cut any kind of roll paper including cloth, canvas and adhesive paper.
  - No need to prepare the optional manual cutter.

2. Key Features

A) High Print Quality

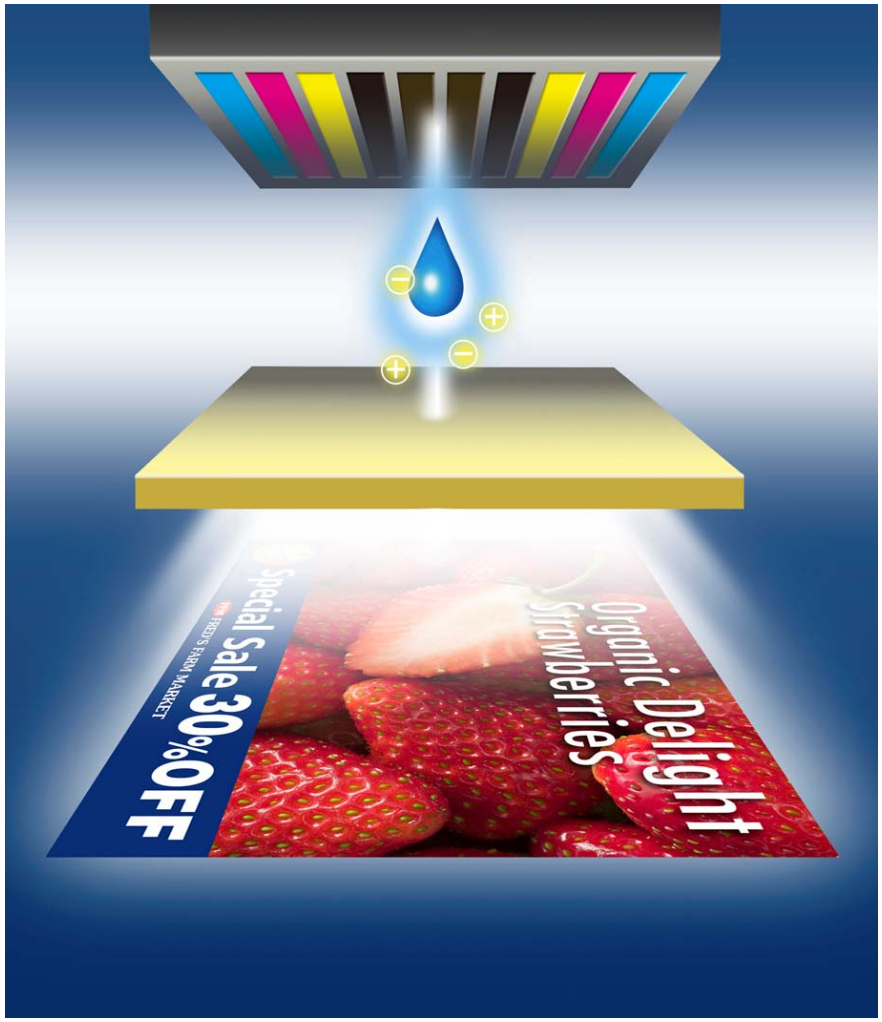
B) High Productivity

C) Easy Operation

- Improved usability
- Layout Manager

D) Other Information

Auto Nozzle Check System



Improve reliability

- Built-in sensor quickly verifies nozzle status without using media and can automatically clean the print head if required - even partially clogged nozzles

Uses very little ink and no media

- It takes less than 15 seconds to complete the automatic process

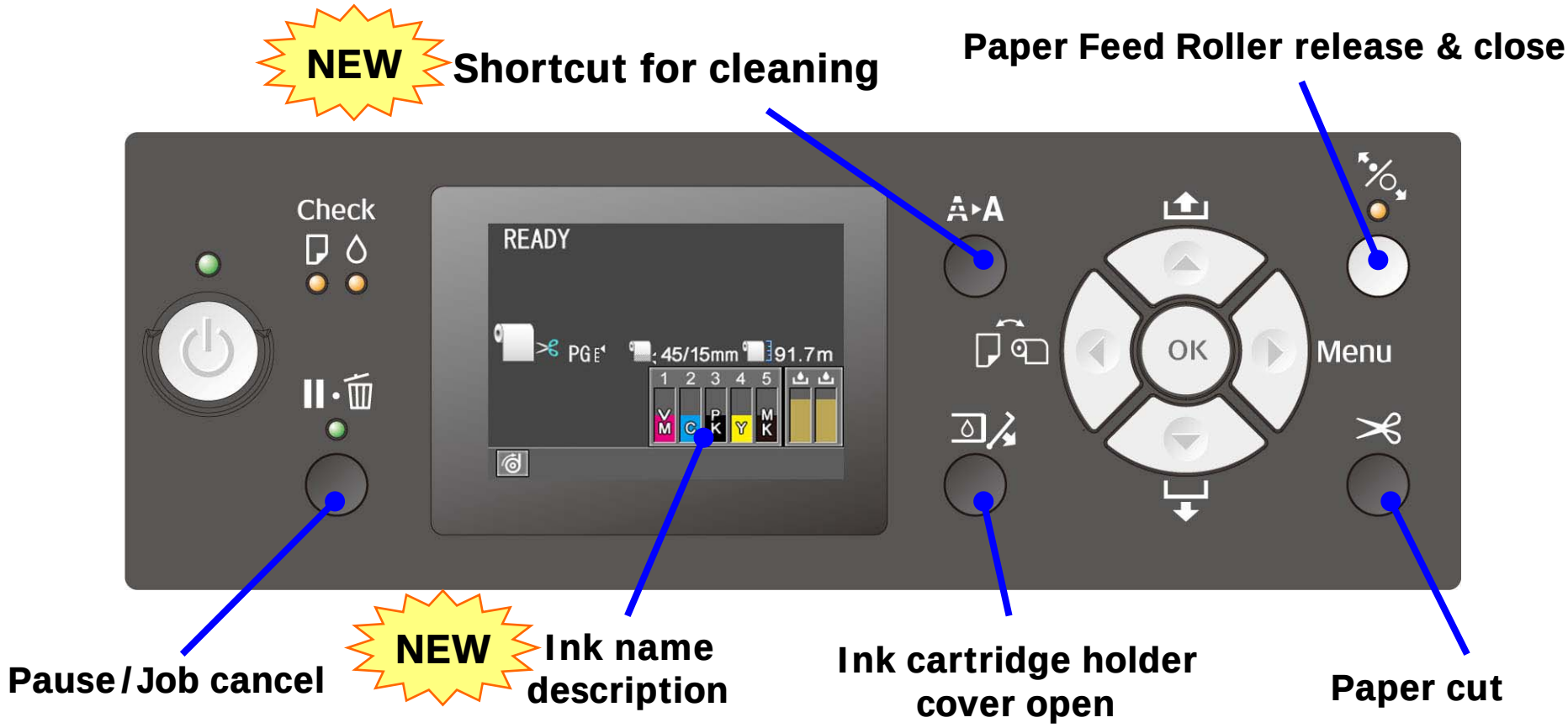
- It can be set to run automatically between print jobs ruing unattended printing

The same function as Epson Stylus Pro 9900/7900

Advanced Control Panel

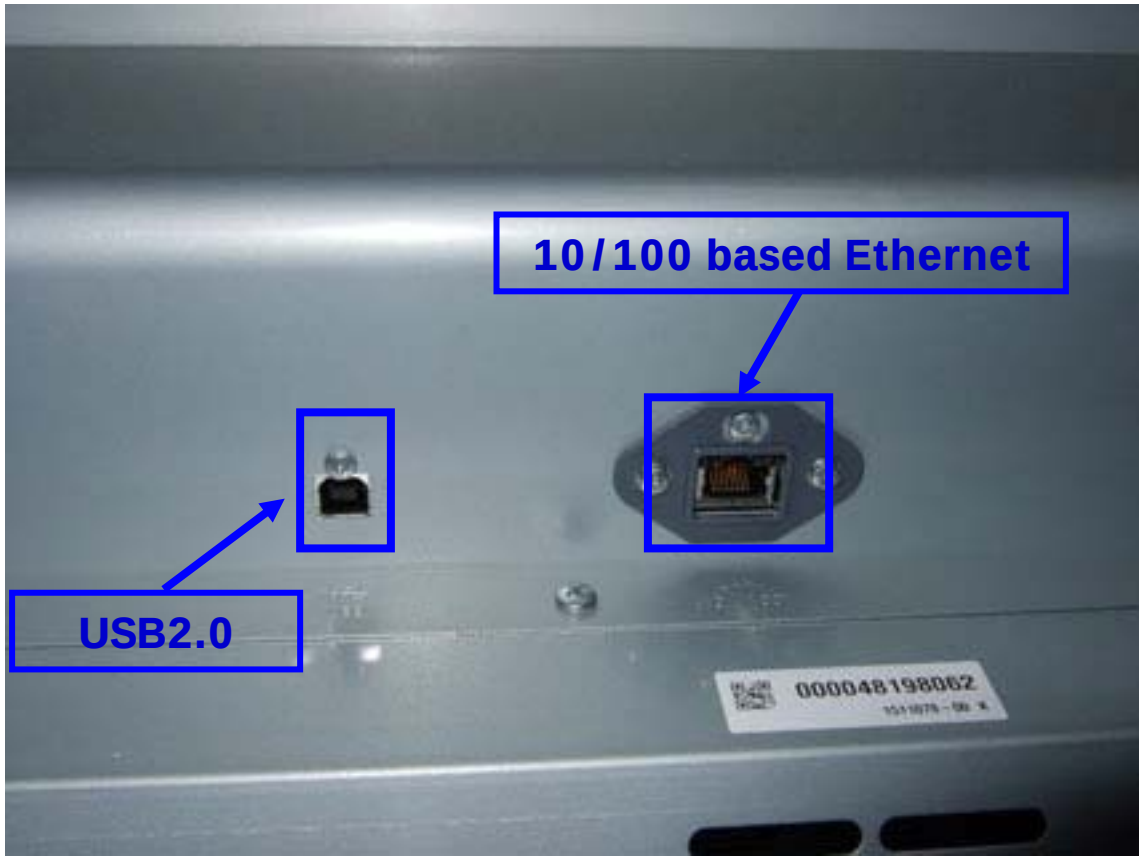
Easy-to-read Colour LCD panel

Colour LCD 320x200 pixels with white LED Backlight



Standard Connectivity

Ethernet and USB interfaces provide versatile connectivity.

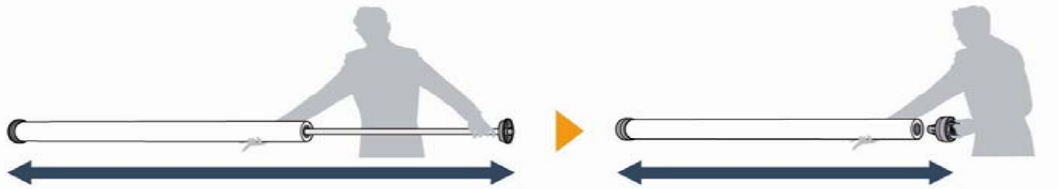


Innovative and Easy Roll Paper Handling

Very easy to set up

Never need to handle with the strong power.

Spindle-less mechanism



Previously, changing paper required handling a long spindle.

The spindle-less flange makes changing paper quick and easy.

Intelligent roll paper feeding system

- Set the roll paper setting skew automatically
- Control the roll paper back tension optimally

2/3 Inch switchable Flange

- 3inch adopter is not necessary
- User can manually switch 2-inch or 3-inch

Barcode Media Information Printing

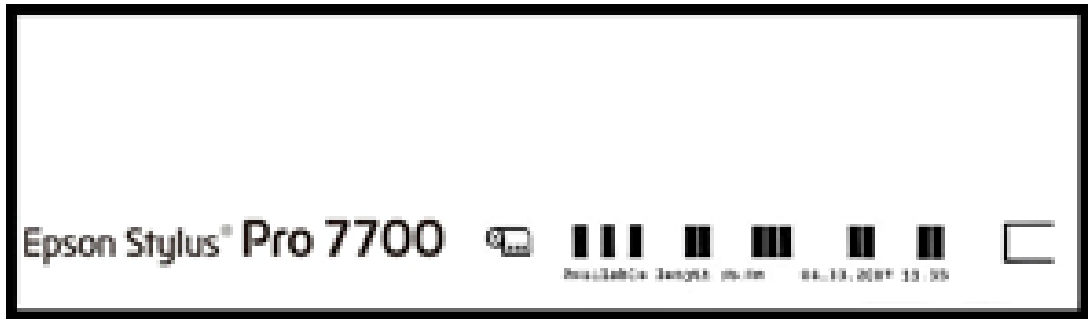
The following media information can be recoded on the media

A) Media name
- Media ID for genuine media
- Allocated number for custom media

B) Remaining media length

It is useful when the user switches half used media

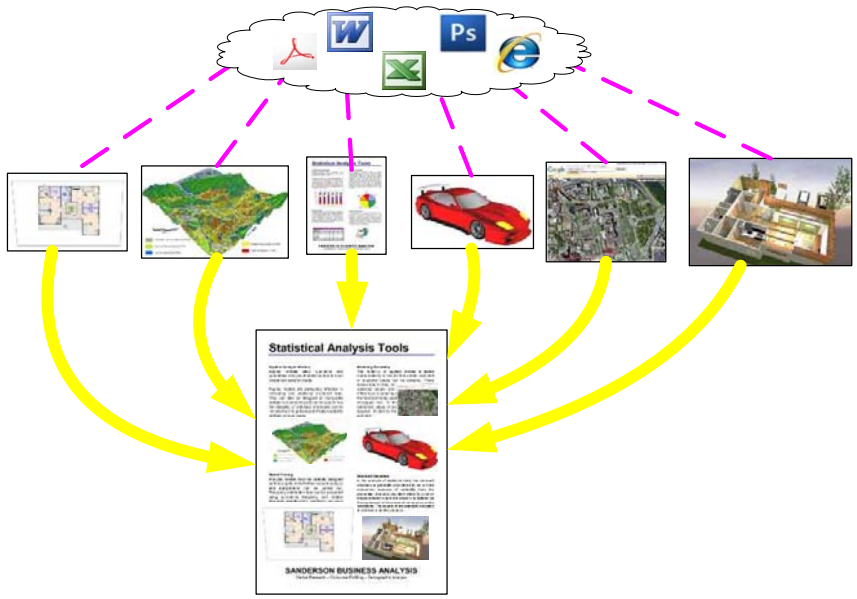
– Eliminates misprinting due to lack of remaining media length
– User can find how long media left



"Layout Manager" (Windows driver only)

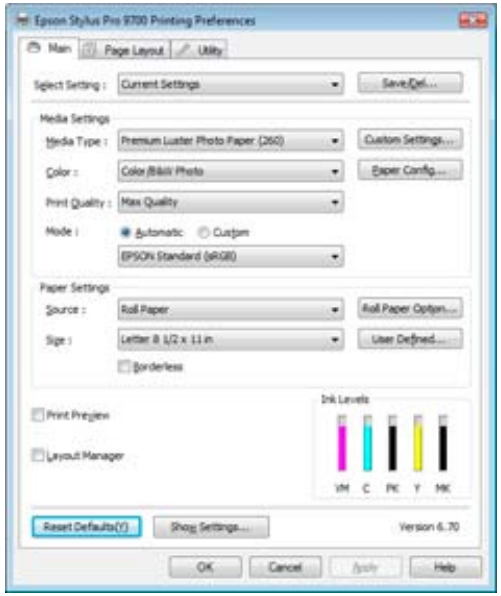
New "Layout Manager" enables you

- To import data created by various applications and lay them out easily on printer driver
- To choose various functions such as Move, Enlarge/Reduce, Rotate, Nesting, Fit-to-roll, Overlap and so on.
- To reduce waste margin.

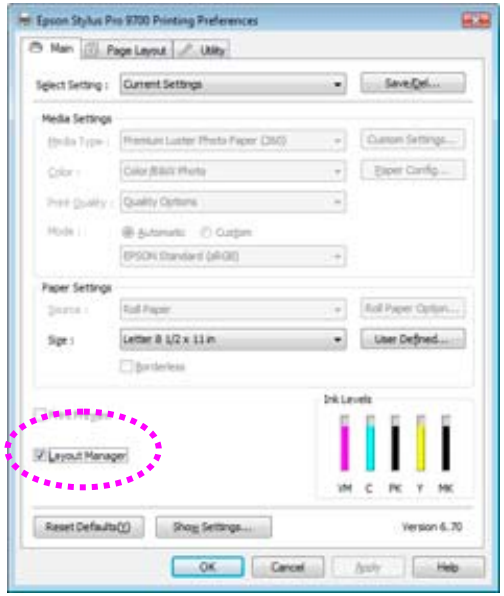


How to use “Layout Manager”

You can use this function in 3 steps.



1. Open the driver. Set output size, etc. as usual.

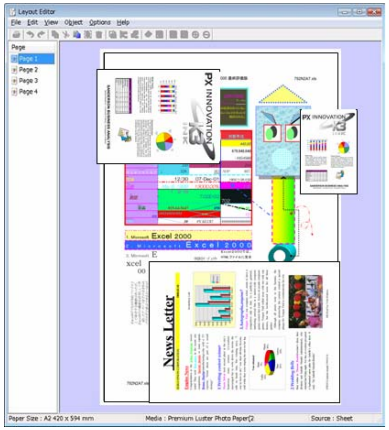


2. Turn on the Layout Manager check box.

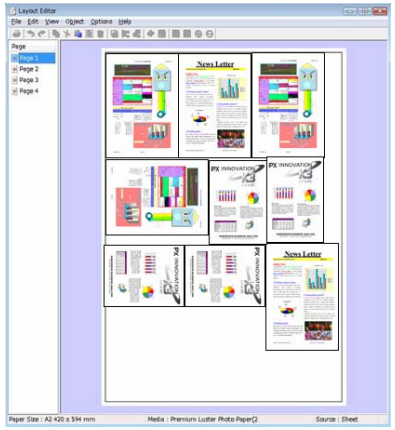
3. Click “Print” and the Layout Manager screen will be displayed. Choose the function you want.

(See the next page)

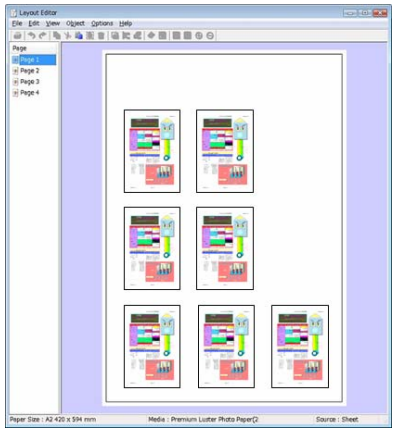
Functions of “Layout Manager”



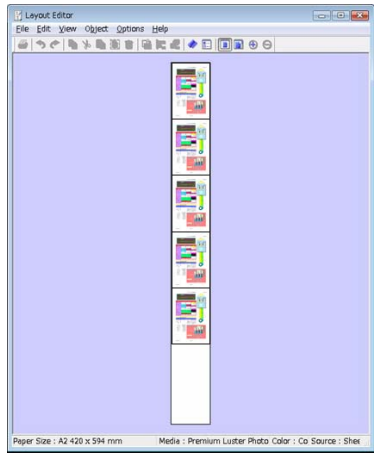
Free arrange



Reduce waste



Multiply by Nesting



Fit-to-roll

Key Functions

- **Object Handling:**
  Cut, Copy, Paste, Delete
  Move, Reduce/Enlarge,
  Rotate, Overlap

- **Arrangement:**
  Auto, Snap to Grid
  with preferable
  Interval, Order, Offset

- **Others:**
  Save/Open, Undo, Redo

2. Key Features

A) High Print Quality

B) High Productivity

C) Easy Operation

D) Other Information

- Media
- Options
- System requirement
- Printer driver
- Utility software

Media Using Photo Black Ink

Media name	Media type
Premium Glossy Photo Paper (250)	Rolls
Premium Semigloss Photo Paper (250)	Rolls
Premium Semimatte Photo Paper (250)	Rolls
Premium Luster Photo Paper (260)	Rolls
Premium Glossy Photo Paper (170)	Rolls
Premium Semigloss Photo Paper (170)	Rolls
Photo Paper Gloss 250	Rolls
Premium Glossy Photo Paper	Sheets
Premium Semigloss Photo Paper	Sheets
Premium Luster Photo Paper	Sheets

Media Using Matte Black Ink

Media name	Media type
Singleweight Matte Paper	Rolls
Doubleweight Matte Paper	Rolls
Enhanced Synthetic Paper	Rolls
Enhanced Adhesive Synthetic Paper	Rolls
Enhanced Matte Paper Archival Matte Paper	Sheets & Rolls
Photo Quality Ink Jet Paper Presentation Paper Matte	Sheets
Enhanced Matte Poster Board	Sheets
Ultra Premium Presentation Paper Matte	Sheets

Option for Epson Stylus Pro 9700/7700

- Auto Take-Up Reel Unit (Same as Epson Stylus Pro 9900/7900)
- Roll Media Adaptor (Same as Epson Stylus Pro 9900/7900)
- Paper Cutter Spare Blade (Same as Epson Stylus Pro 9900/7900)
- NEW Maintenance Tank (Dedicated option for Epson Stylus Pro 9700/7700)

System Requirement

Printer	CPU		RAM	HDD
	Windows	Macintosh	-	-
Epson Stylus Pro 9700	Core 2 Duo 3.05GHz	Core 2 Duo 3.05GHz	1GB	32GB
Epson Stylus Pro 7700	Core 2 Duo 2.2GHz	Core 2 Duo 2.2GHz	1GB	32GB

Windows and Mac Driver

Printer driver for Windows 7 and Mac Snow Leopard available at Epson Stylus Pro 9700/7700 launch.

Linux Driver

- **Release schedule**
  - Around the middle of December in 2009
- **Limitation and function**
  - Some functions that Windows and Macintosh have are not available.
- **Localization**
  - 11 languages
- **Supported distributions**
  - *Ubuntu* and *Fedora*
  - Available on *Debian*, *SUSE* and *Mandriva* without additional evaluation.
- **Supported OS**
  - x86 32bit Linux (No support for x64, Arm or MIPS)
- **Provision**
  - Avasys, outsourced by SEC, will provide the driver developed by SEC on the web site.
  - End users will find URL on each ESC's web site that directly linked to Avasys.
- **User support**
  - Avasys will support end users worldwide.
  - ESCs do not have to take care of actual support.

Summary of Utility Software

1) HDI→ Distributed by web, not bundle
2) Epson Remote Panel 2 (driver CD)
3) Epson Copy Factory V.4.25 (Free web download)

*** Epson ColorBase→ Not applicable**

2) Epson LFP Remote Panel 2

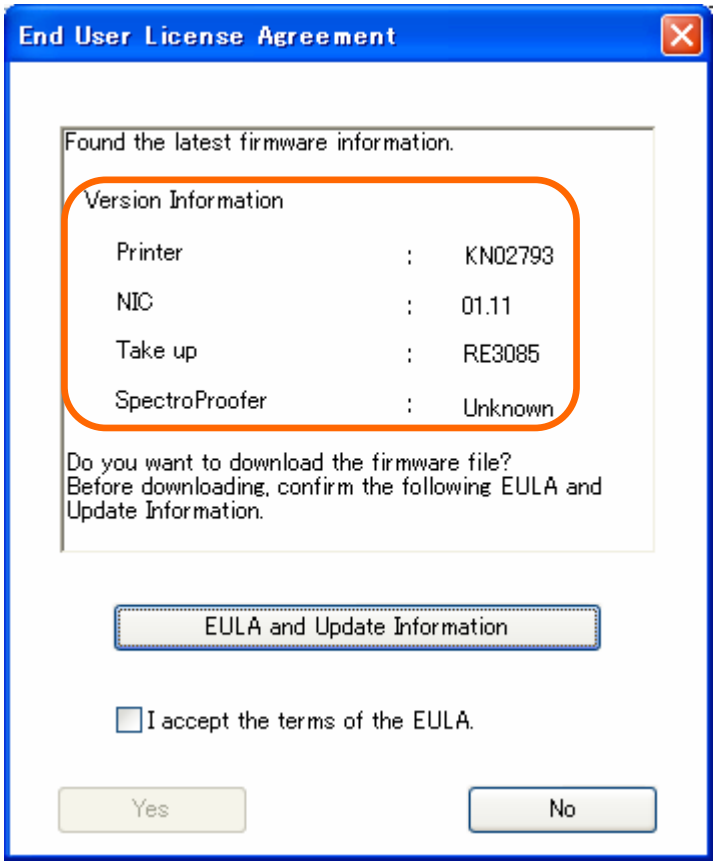
The contents and functions of Epson LFP Remote Panel 2 for Epson Stylus Pro 9700/7700 are almost same as those of Epson Stylus Pro 9900/7700.

EPSON LFP Remote Panel 2
Select a printer, and then select the function you want to perform.
Printer
Epson Stylus Pro 7900
Firmware Updater
The firmware has been updated.
Printer Watcher
Monitors and displays the printer status.
Paper Feed Adjuster
Fine-tunes the Paper Feed.
Custom Paper Setup
Registers a new paper to the list.
Help
Exit

1. Firmware Updater
2. Printer Watcher
3. Paper Feed Adjuster
4. Custom Paper Setup

2) Epson LFP Remote Panel 2

Display of firmware version

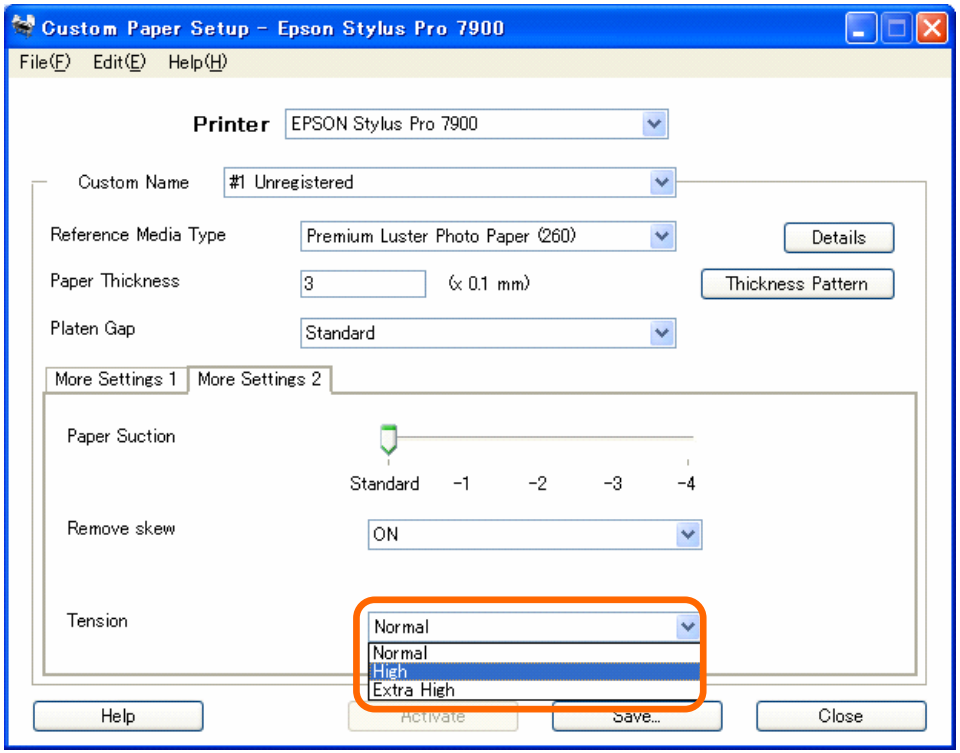

End User License Agreement
Found the latest firmware information.
Version Information
Printer : KN02793
NIC : 01.11
Take up : RE3085
SpectroProofer : Unknown
Do you want to download the firmware file?
Before downloading, confirm the following EULA and Update Information.
EULA and Update Information
I accept the terms of the EULA.
Yes
No

You can confirm what version of firmware to download on firmware updater dialog.

It used to be impossible to confirm until download had done.

2) Epson LFP Remote Panel 2

Change of UI



To make the name of tension parameter items on user-defined paper as its panel. (English only)

Standard→ Normal
Higher→ Extra High

Thank you